

Title: Compositions and Methods for Treating...

Inventor: Aaron Weinberg

## Effect of human beta defensins 1, 2, & 3 againts HIV-1 HXB2 (SI/X4)

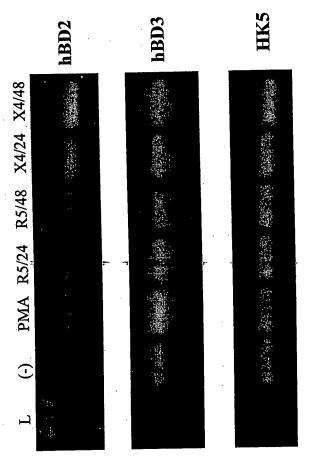
(Ghost CD4/CCR5/CXCR4 cells infected with a high MOI. Results based on fluorescencia 48 h post-infection)

concentration of hBD Buffer used to incubated Controls 40 ug/ml 20 ug/ml HIV + hBD 5 ug/ml HXB2 in 1xPBS 1xPBS hBD-1 HXB2 in 10mM PB 10mM PB pH 7.4 Controls 40 ug/ml 20 ug/ml 5 ug/ml HXB2 1xPBS hBD-2 PBS 10mM PB pH 7.4 Controls 40 ug/ml 20 ug/ml 5 ug/ml 10mM PB 1xPBS hBD-3 Cells 10mM PB pH 7.4

Figure 1

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NHOECs challenged with HIV R5 or X4; 24 or 48 hrs

Figure 2

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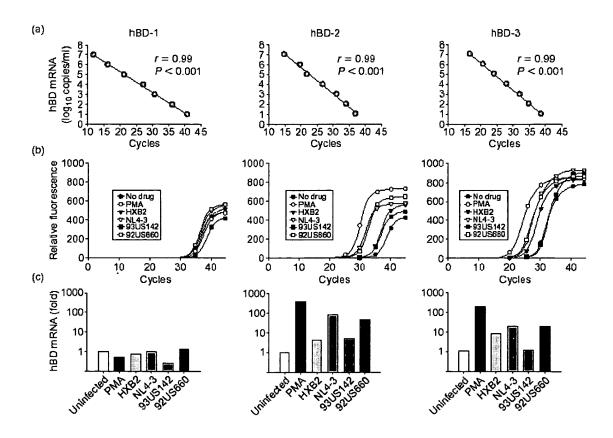


Figure 3

Title: Compositions and Methods for Treating...

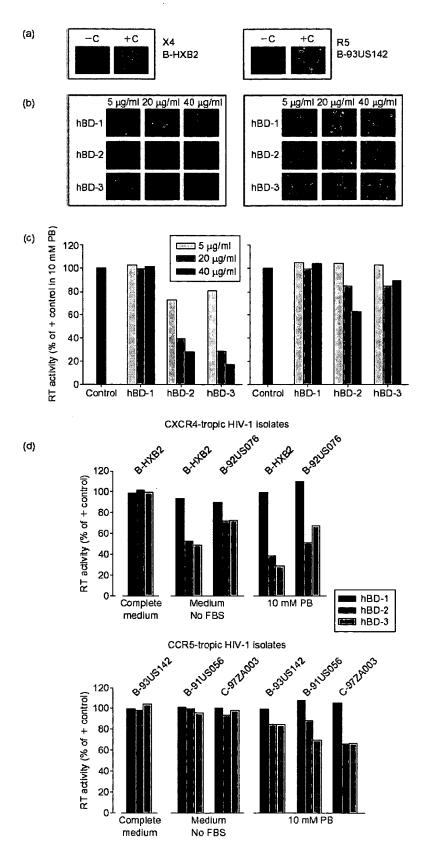


Figure 4

Title: Compositions and Methods for Treating...

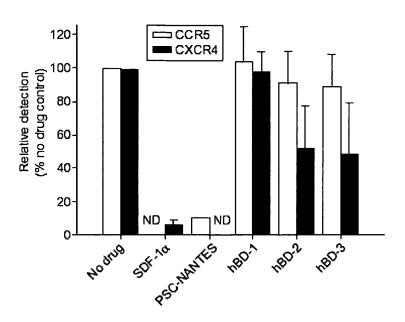


Figure 5

Application No.: 10/737,288
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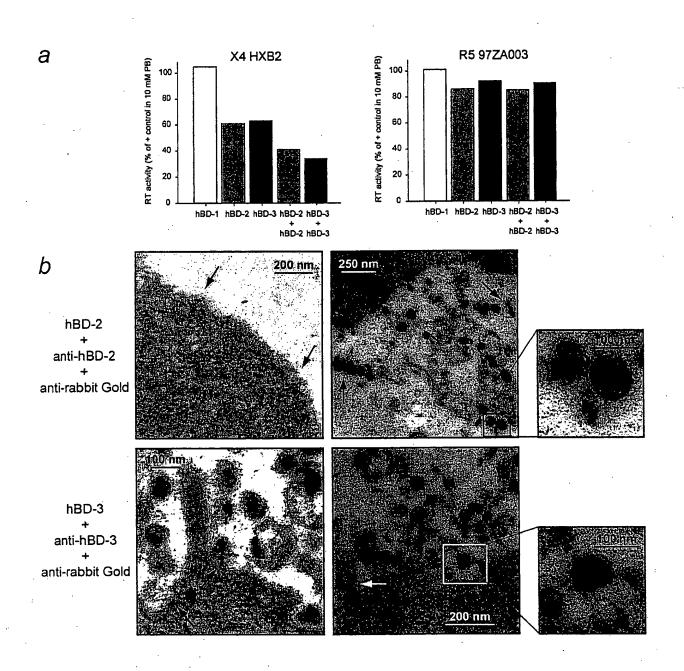


Figure 6